**//Example 4 (GridBagLayout)**

**import** java.awt.Button;

**import** java.awt.GridBagConstraints;

**import** java.awt.GridBagLayout;

**import** javax.swing.\*;

**public** **class** GridBagLayoutExample **extends** JFrame{

**public** **static** **void** main(String[] args) {

            GridBagLayoutExample a = **new** GridBagLayoutExample();

        }

**public** GridBagLayoutExample() {

    GridBagLayoutgrid = **new** GridBagLayout();

            GridBagConstraints gbc = **new** GridBagConstraints();

            setLayout(grid);

            setTitle("GridBag Layout Example");

            GridBagLayout layout = **new** GridBagLayout();

**this**.setLayout(layout);

    gbc.fill = GridBagConstraints.HORIZONTAL;

    gbc.gridx = 0;

    gbc.gridy = 0;

**this**.add(**new** Button("Button One"), gbc);

    gbc.gridx = 1;

    gbc.gridy = 0;

**this**.add(**new** Button("Button two"), gbc);

    gbc.fill = GridBagConstraints.HORIZONTAL;

    gbc.ipady = 20;

    gbc.gridx = 0;

    gbc.gridy = 1;

**this**.add(**new** Button("Button Three"), gbc);

    gbc.gridx = 1;

    gbc.gridy = 1;

**this**.add(**new** Button("Button Four"), gbc);

    gbc.gridx = 0;

    gbc.gridy = 2;

    gbc.fill = GridBagConstraints.HORIZONTAL;

    gbc.gridwidth = 2;

**this**.add(**new** Button("Button Five"), gbc);

            setSize(300, 300);

            setPreferredSize(getSize());

            setVisible(**true**);

            setDefaultCloseOperation(EXIT\_ON\_CLOSE);

        }

}

**Output:**

